ILLUSTRATION 4

THE GIMRSTOR PROGRAM

The GIMRSTOR program is designed to restore a GIM data base from a GIM ddump physical tape. Optionally it will change the LASTREC.

The ddump tape can be created by two methods. First, using the GIM verb from the online system (see GIM MANUAL), or second using the ddump option of the GIMANAL program (see illustration 2).

The input file for GIMRSTOR is the DDUMP PHYSICAL tape. The tape requires a DD card with a DDNAME of 'RESTORE'. The data base name dumped must agree with the data base name being retored to. The JCL is shown on page 3.

The output files for GIMRSTOR are SYSPRINT and the data base being restored. The data base extents must each have their own DD cards. The first extent's DDNAME must be GIMDB01, the second extent's name must be GIMDB02, and so on. The only DCB requirements for the extents are 'DCB=(BUFNO=50,OPTCD=C)'.

The SYSPRINT output file will print out the DDNAME and the DATA SET NAME of the restore tape as well as the data base. It will also print out the OLD BOOTSTRAP, the NEW BOOTSTPAP, and the total elapsed time.

An option exists on the GIMRSTOR program to alter the LASTREC through a parameter passed on the EXEC card. Its format is "PARM='/LASTREC=nnn'" (nnn is the new LASTREC).

COMPLETION CODES

The GIMRSTOR program will set a completion code so that the
user can be sure the program ran normally. The possible
competion codes are:

0	PROGRAM TERMINATED DUE TO ABNORMAL ERRORS BY PLI ERROR RECOVERY SUCH AS I/O ERROR ON TAPE OR DISK.
4	PROGRAM TERMINATED NORMALLY AND NO ERRORS WERE DETECTED.
8	NEW LASTREC SPECIFIED NOT POSSIBLE WITH EXISTING DATA BASE.
16	BAD 'RESTORE' JCL RESTORE DATA SET NOT FOUND DEVICES NOT DIRECT ACCESS

```
//RESTOR JOB  JOB CARD ACCOUNTING INFORMATION
//JOBLIB  DD  DSN=
//GIMRSTOR EXEC  PGM=GIMRSTOR,REGION=150K,
//               PARM='/LASTREC=NNN'
//GIMDB01 DD  DSN=PAYROLL.E001,UNIT=3330,VOL=SER=123456,DISP=SHR,
//              DCB=(BUFNO=50,OPTCD=C)
//GIMDB02 DD  DSN=PAYROLL.E002,UNIT=3330,VOL=SER=123456,DISP=SHR,
//              DCB=(BUFNO=50,OPTCD=C)
//**              :
//**       DD CARD NEEDED FOR EACH EXTENT OF THE DATA BASE
//**              :
//RESTORE   DD  UNIT=2400,DISP=SHR,VOL=SER=123456,
//              DSN=DDUMP.TAPE
//SYSPRINT DD   SYSOUT=A,DCB=(RECFM=FBA,LRECL=133,BLKSIZE=1330)
```